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B A DEGREE PROGRAM IN POLITICAL SCIENCE APPROVED FOR 1971-72 START

Students of Cal Poly will be able to enroll in courses leading to the Bachelor of Arts Degree in political science beginning with the 1971-72 academic year next June. Approval of the new degree program by the Office of the Chancellor of the California State Colleges was received recently, according to Clyde P. Fisher (Dean of the School of Applied Sciences).

Designed to provide specialized training for persons planning to enter government service, the political science curriculum will be offered and administered by the Social Sciences Department. Dean Fisher said the new degree program will also prepare prospective elementary and secondary school teachers and provide undergraduate study for students planning to enter graduate programs.

William Alexander (Acting Head of the Social Sciences Department) said three concentrations of courses -- public administration, teaching, and international affairs -- would be included in the new curriculum. Each student will be required to select one of the three concentrations. "Special effort will be made in each of the concentrations to focus attention of students on occupational goals, since political science as a discipline is not commonly understood to lead directly to a career," Dr. Alexander added.

Six new courses will be added to the Social Sciences Department's list of course offerings to accommodate the new degree program. They will include basic political analysis, municipal government, contemporary U.S. foreign policy, and international organization.

Ten students are expected to complete requirements for the new degree during its first year of existence. That number should grow to 30 by the program's second year and to 50 by its third year.

DEAN SELECTION COMMITTEES IN FINAL STAGES

The selection committees for the two new school dean positions are nearing the final stages in the recruitment process, according to Larry Voss (Director of Personnel Relations).

As of July 10, 84 applications or nominations have been received for the position of Dean, Communicative Arts and Humanities. That committee has narrowed the field down to 12 active candidates. Twenty-two candidates have been considered for the position of Dean, Business and Social Sciences, with 11 still in the running.

Both committees are currently holding on-campus interviews or using conference telephone calls in screening the final candidates. It is expected that committee recommendations will be forwarded to President Robert E. Kennedy by July 24.

CAL POLY ROLE IN TRAINING AGRICULTURE TEACHERS IS IMPORTANT ONE

Cal Poly has had an important role in training vocational agriculture teachers in the state since 1933. H. H. Burlingham (Head of the Agricultural Education Department) points out that every man who entered vocational agricultural teaching in California from 1933 until 1951 was required to take some practical agricultural training at Cal Poly during his fifth year of teacher preparation.

The Agricultural Education Department supervises the training of students working toward a vocational agriculture secondary teacher's credential. It provides the fifth-year curriculum as well as introductory courses offered during the undergraduate years.

All vocational agriculture credential candidates at Cal Poly earn a bachelor of science degree in one of 14 subject fields other than agricultural education. Those who elect the agricultural education route then continue on at Cal Poly for a fifth year of concentrated education in teaching techniques as well as one quarter of practice teaching. Students entering the fifth-year program, in most instances, also earn their master's degree.

Cal Poly was authorized to offer the fifth-year agricultural teacher training program in 1946, the second college in the state to provide the training. In the 24 years that have elapsed, Cal Poly has prepared 457 men as vocational agriculture teachers, has trained 80 men for general agricultural teaching, and has supervised an additional 20 interns.

SECOND BOOK OF C S C FACULTY PUBLICATIONS PROGRAM DUE IN AUGUST

The Ways of Nihilism: A Study of Herman Melville's Short Novels, the second book to be published under auspices of the Distinguished Teaching Awards and Faculty Publications Program of the California State Colleges, will be released Aug. 20, according to an announcement issued by the Office of the Chancellor. Kingsley Widmer, a member of the English faculty at San Diego State College is its author.

In May, 1969, the Faculty Publications Program published Napoleon III and the Working Class: Government Propaganda Under the Third Empire by David I. Kulstein of San Jose State College's history faculty. The program also sponsors and published the American Literature Abstracts, the second issue of which will appear later this summer.

The book by Dr. Widmer is being published by Ward Ritchie Press, 3044 Riverside Dr., Los Angeles, Calif., 90039, and may be ordered either through local bookdealers or directly from the publisher at \$7 per copy.

P E R S REPRESENTATIVE SLATES CAMPUS VISIT NEXT MONTH

Louis Larson, a Public Employees' Retirement System representative, will be on campus Aug. 25 and 26. Any employee who will be retiring in the near future and desires an appointment with him should contact the Personnel Office, Adm-111, within the week.

Typewritten copy intended for the next issue of Cal Poly Report must be received prior to 12 noon Friday, July 24, in the Office of Information Services, Adm-210.

TRUSTEES CONSIDER SALARY INCREASE PROPOSALS

The Board of Trustees of the California State Colleges was to have considered proposals for salary increases in accordance with funds appropriated by the state Legislature during its meeting in Los Angeles yesterday and today (Monday and Tuesday, July 13-14).

Although final plans for implementation of the salary increase funds were not available at press time, it is expected that a list of detailed salary adjustments will be available by the end of this week in the Personnel Office. Copies of the pay adjustments will be forwarded to the department heads as soon as possible. It is also anticipated that any increases will be reflected in pay warrants distributed July 31.

INCREASE IN FACILITIES FEE SIATED FOR FALL QUARTER

Trustees of the California State Colleges took action during a recent meeting to increase the Facilities Fee for all students to \$2 a quarter starting with the forthcoming Fall Quarter. Funds received from the fee are earmarked for non-state funded facilities projects such as health centers.

The fee is the basis for an expansion of the existing Cal Poly Student Health Center being suggested to the Trustees. Depending upon other priorities for use of monies resulting from the Facilities Fee, construction enlarging the center to about twice its present size could result.

Appropriate announcements of the increased fee are scheduled to appear in the Class Schedule for the Fall Quarter and on campus bulletin boards prior to registration time.

STATE-WIDE GROUPS CONTRIBUTE TO MERSON FUND

The California Pipe Trades Council and the Statewide Joint Apprenticeship Committee have donated \$200 to the James F. Merson Memorial Scholarship Fund at Cal Poly in appreciation of the cooperation of the late James F. Merson.

Paul Jones, business manager of Local 403, says Merson, a retired Cal Poly faculty member, aided the apprenticeship committee for 10 years and remained a supporter of the annual statewide apprenticeship contest even after he retired in 1964. The contest was first held at Cal Poly 15 years ago.

Merson was killed in an airplane crash in Guatemala, April 19. He was in the Latin American nation on a Cal Poly-Agency for International Development project. He had served as head of the Agricultural Engineering Department at Cal Poly prior to his retirement.

WORK ON PHYSICAL EDUCATION TRACK COMPLETED BY LOCAL FIRM

Relocation of the physical education track and development of related athletic facilities on campus have been completed, according to an announcement from the California Department of General Services. The work was performed by Maino Construction Company of San Luis Obispo at a cost of \$188,303.

UNUSUAL "EXPERIENCE" PLANNED FOR THURSDAY

"The Gow Dow Experience?"

A Cal Poly campus audience will find out more about that term during an event being planned for 12:15 p.m. on Thursday (July 16). Admission for the program, which is scheduled for the Cal Poly Theater, will be free, according to the sponsoring Summer Program Committee of the Associated Students, Inc.

When people first hear the name, they make all kinds of guesses. Some think it's a show, some a happening, some a field trip, and some a classroom project. There is something of the truth in all those projections, yet none is the whole scene.

The Gow Dow Experience is a group of 18 California State Polytechnic College, Pomona, student musicians gathered together last fall by James Benson, an assistant professor of social sciences and director of black studies at the college, and since, coached and coaxed along to produce a unique musical experience.

Benson is a musician and music teacher by profession, but most of the 18 students -- all but three -- have had no formal musical training in their lives. Scarcely any has owned an instrument. Benson was new at Cal Poly, Pomona, last fall. When word circulated that he wanted to get a group together to play "just for pleasure," people kept turning up.

Off-Campus Appearances Increase

Although the group continues to play for pleasure, they are attracting larger and larger audiences and getting more and more requests for off-campus appearances. At first they performed mostly on their home campus near Pomona, giving student body-sponsored concerts in the campus center quad.

Recently, however, they have played at California Institution for Men in Chino and for the Los Angeles County Probation Department's Camp Afflerbaugh in LaVerne. The appearance at the Cal Poly campus in San Luis Obispo next Thursday is part of a four-day concert tour slated in the San Francisco area.

What do they play? "Music without categorization," said Benson. "If you get categorized, people expect you to play in a certain way. We play what we feel like playing." About the name. "Naturally, everyone asks," Benson replies. "Gow Dow means I love you black brothers, black sisters." In what language? "Made up by me," he replies and goes on to explain. "The word black does not mean skin color. It means black is beautiful -- that is a universal kind of soul beauty that cuts across characterizations of race or of skin color."

Although the Cal Poly, Pomona, professor is officially listed in the college's Social Sciences Department, he has always been involved in music. He was band director at Lincoln High School in Los Angeles where he served for seven years. Benson began at Lincoln High with a group of musical rejects considered not talented enough for band or orchestra and brought them into musical being.

How does he feel about how the students in the Cal Poly, Pomona, group are doing? "It's very much tied to the individual," he says. "Some are naturally flowing ahead of others because of the kinds of persons they are, their personal commitments, their life styles, their backgrounds. Others, well, they'll come along."

COMING EVENTS -- COMING EVENTS -- COMING EVENTS

Workshop on Drugs -- Continuing through Friday, July 17, all day, Business Administration and Education Building Room 204. Workshop titled "Drug Facts and Public School Teachers;" presented as part of the 1970 Summer Session program by the Education Department. By advance registration.

Noon Speakers Series -- Wednesday, July 14, 12 noon, Engineering West Building Patio. Discussion of "Future of Cal Poly" by E. Douglas Gerard presented as part of Speakers at Noon Series; sponsored by the Associated Students, Inc., Summer Program Committee. Public invited.

Concert -- Thursday, July 16, 12:15 p.m., Cal Poly Theater. Concert by "Gow Dow Experience" composed of students from Cal Poly, Pomona; sponsored by the Associated Students, Inc., Summer Program Committee. Public invited.

End of Summer Session First Session -- Friday, July 17. Final day of Cal Poly's 1970 Summer Session First Session for students and faculty.

Conservation Education Workshop -- Monday through Friday, July 20-24, all day, Dexter Library Room 130. Workshop in conservation education covering various aspects of environmental pollution, control, and beautification for professional educators; presented as part of the 1970 Summer Session program by the Education Department. By advance registration.

Summer Session Second Session Registration -- Monday, July 20, 9 a.m. to 12:30 p.m., Men's Gymnasium. Regular registration for second session of the 1970 Summer Session program.

Summer Session Second Session Classes Begin -- Tuesday, July 21, all day. Start of classes for the second of two sessions planned as part of Cal Poly's 1970 Summer Session program.

Summer Session Second Session Late Registration -- Tuesday, July 21, through Thursday, July 23, all day, Administration Building Room 219. Late registration period for Summer Session second session classes for students planning to attend that session.

Noon Speakers Series -- Wednesday, July 22, 12 noon, Engineering West Building Patio. Talk on "The Population Bomb" by yet-to-be-named speaker presented as part of Speakers at Noon Series; sponsored by the Associated Students, Inc., Summer Program Committee. Public invited.

Farm and Land Brokers Conference -- Monday through Wednesday, July 27-29, all day, Cal Poly Theater and Music, Speech, and Drama Building. Annual summer conference for farm and land brokers; sponsored by the National Institute of Farm and Land Brokers and hosted by the Agricultural Business Department. By advance registration.

Noon Speakers Series -- Wednesday, July 29, 12 noon, Engineering West Building Patio. Discussion of "The Self-Contained Ecosystem" by Geoffrey Stanford presented as part of the Speakers at Noon Series; sponsored by Associated Students, Inc., Summer Program Committee. Public invited.

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THREE OPENINGS ON SUPPORT STAFF LISTED BY PERSONNEL OFFICE

Three vacant positions on the support staff of the college have been announced by S. Milton Piuma (Staff Personnel Officer). All posted on the bulletin board located in the Personnel Office, Adm-111, 546-2236, they are:

Electrician I (\$772-\$849), Maintenance and Operations Department, Business Affairs Division. Duties and responsibilities would include repairing, maintaining and operating electric motors, relays, distribution centers, light circuits, generators, transformers, heaters, and other electrical apparatus, both low and high voltage. Installing new equipment, changing lights, and assisting in remodeling buildings. Applicants must be experienced electricians.

Intermediate Account Clerk (\$217.50-\$265.00) (one-half time), Accounting Office, Business Affairs Division. Under supervision of the Supervising Clerk, prepare and issue receipts for various day-to-day collections of the college and/or auxiliary organization funds, balance cash daily, provide cashiering assistance at regular and special registration times, etc. Applicants should have the equivalent of a high school education with training and experience in cashiering. Bookkeeping and/or accounting experience beneficial.

Departmental Secretary I-B (\$246.00-\$299.50) (one-half time), Special Programs Office, Administrative Division. Duties and responsibilities include receptionist, shorthand, typing, filing, coordination of summer quarter staffing and payroll, class scheduling, maintaining student payroll, scheduling facilities for conferences, and workshops. Applicants should be high school graduates with secretarial training. Minimum of two years steno-typist experience, and basic knowledge of accounting. Previous work in school or college desirable, Cal Poly experience preferable.

COMING EVENTS . . . (Continued from Page 5)

Physical Education Workshops -- Sunday, Aug. 2, through Friday, Aug. 14, all day, campus. Annual workshops for men and women physical education teachers and athletic coaches from throughout California; sponsored by the Physical Education Department, the California Department of Education, and the California Association for Health, Physical Education, and Recreation. By advance registration.

Journalism Workshop -- Sunday, Aug. 2, through Friday, Aug. 14, all day, campus. Annual workshop for high school journalism students from throughout Southern California; sponsored by the Interscholastic Press Association and the Journalism Department. By advance registration.

Pop Concert -- Sunday, Aug. 2, 7:30 p.m., Cal Poly Amphitheater. Final program of the Concert Under the Stars Series of popular music concerts featuring San Luis Obispo-area performers; sponsored by the Associated Students, Inc., Summer Program Committee. Public invited.

Noon Speakers Series -- Wednesday, Aug. 5, 12 noon, Engineering West Building Patio. Talk on present and future relationships between the City of San Luis Obispo and Cal Poly by Mayor Kenneth Schwartz presented as part of the Speakers at Noon Series; sponsored by Cal Poly's Associated Students, Inc., Summer Program Committee. Public invited.

WHO . . . WHAT . . . WHEN . . . WHERE ? ? ?

Roderick W. Carruthers (Head of the Graphic Communications Department) participated in the annual Research Institute Conference of the American Newspaper Publishers Association, which took place in New Orleans, early last month. Several hundred newspaper publishers and production managers from throughout the U.S. attended the event, which included a large printing and equipment supply show.

James L. Fitts (History Department) has been notified by University of California at Los Angeles that all requirements for his Doctor of Philosophy Degree have been completed. Dr. Fitts' new degree was conferred on June 16.

George Cockriel (Supervising Campus Security Officer), Marv Mortensen (Chemistry Department Equipment Technician), Larry Grimes (Biological Sciences Department Equipment Technician), Larry Voss (Director of Personnel Relations), and Barry Whelchel (Personnel Analyst) took part in the National Conference on Campus Safety held recently at the University of California at Santa Barbara. Included in the program were lectures and seminars on pollution, fire protection, accident analysis, and safety during campus disturbances.

Lachlan P. MacDonald (Director of Information Services) attended the American College Public Relations Association School for Educational Administrators, July 5-6, in Denver, Colo. The workshop included discussion of information services, publications, alumni relations, and community affairs for college and university public affairs directors.

Lezlie Labhard (Home Economics Department) is the author of a paper titled "The Removal of a Synthetic Sebum from Durable Press Fabrics," which appeared in the May, 1970, issue of Textile Research Journal. The research on which the paper was based was done at the Department of Consumer Sciences at University of California at Davis.

Deborah A. Swan, who will be a junior majoring in biochemistry when she returns to her studies on campus in September, is in the midst of a special undergraduate research training program made possible by the California Heart Association. One of 32 college and university students selected for the 10-week program, she is working on cardiovascular related research at University of California at Riverside.

C. H. Gregory, Wesley T. Dunn, James H. Babb, Guy Thomas, and James E. Rice (all Graphic Communications Department) manned the Cal Poly booth during the National Printing Show, which took place last month at the Convention Center in Anaheim. The display, which concerned Cal Poly in general and the programs of the Graphic Communications Department, was arranged by Roderick W. Carruthers (Head of Graphic Communications Department).

Norm Johnson and Dick Kimble (both Audio-Visual Department Equipment Technicians) attended the Audiovisual Equipment Service Workshop held in Whittier, June 15-18, under sponsorship of the Eastman Kodak Company. The event provided technicians with "hands-on" instruction in the servicing and repair of slide and motion picture projectors and accessories.

Ernie Roberts and Milt Hill (both Auto Shop Mechanics) received training in air pollution controls and electrical diagnostic equipment for automobiles and trucks during a course at the Chrysler Corporation Training Center in Fullerton, June 17-19. The course covered theory of operation, diagnosis, adjustment, and complete overhaul of engines.

INDUSTRY, PROFESSIONAL GROUPS BACK MEASUREMENT SCIENCE CONFERENCE

State-wide organizations concerned with the development of a measurement science degree program are supporting a conference on the subject to be held in November at Cal Poly. Donald E. Morgan (Head of the Industrial Engineering Department) is chairman of the conference and wants the word widely spread in order to invite special papers on the topic.

A relatively new academic field, measurement science applies to inspection tools, standards, techniques, and applications of physical measurement as used in agriculture, industry, and business.

The degree proposal and the conference are the outgrowth of state legislative action to authorize the State Department of Agriculture to set up a state standards and calibration laboratory. A special advisory committee to the department included in its recommendations the need for a baccalaureate degree curriculum in the field.

Among groups assisting Cal Poly in the developmental process, and in distributing the call for papers, are the American Instrument Society, American Society for Quality Control, California Association of Weights and Measures Officials, California Bureau of Weights and Measures, National Bureau of Standards, National Conference of Standards Laboratories, National Salesmen's Association, and Precision Measurements Association.

The first annual Cal Poly Measurement Science Conference will be held Nov. 6-7, 1970. Information about the program may be obtained by writing Dr. Morgan, c/o Cal Poly, San Luis Obispo, Calif. - 93401.

STUDENT JOURNALISTS WIN C A N PRIZES.

Five journalism students at Cal Poly shared \$100 in cash prizes offered in the first of an annual feature writing contest being sponsored by the California Association of Nurserymen. The winners were Barbara Veness of Morro Bay, Gail Hernandez of Walnut Creek, Bonnie Etcheson of Hayward, John Capuano of Chicago, Ill., and Herb Hoffman of Long Beach.


Organized by Harold R. Young, public relations director for the California nurserymen's organization and an alumnus of Cal Poly, the contest offers the prizes for the best feature articles written on some phase of the nursery business. Entries were judged on the basis of thoroughness, accuracy, and initiative by Dick Tracy, garden editor of the Sacramento Bee.

Miss Veness, a senior, won the contest's top prize. Second place in the competition went to Mrs. Gail Stoddard Hernandez. Hoffman, Capuano, and Miss Etcheson shared the contest's third place honors. Hoffman is a junior; Miss Etcheson, a sophomore; and Capuano is a senior.

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Research notes

Prepared by the Office of Research and Development

Adm.  546-2630
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August Deadline Set by NSF for College-School Programs

The National Science Foundation has announced August 11 as the closing date for applications under the Cooperative College-School Science Program. The awards are designed to provide higher education institutions with opportunities to work with school systems in bringing about improvements in science and mathematics instruction at the elementary and secondary level. The grants go only to colleges, universities and appropriate nonprofit organizations but the schools are expected to participate in project planning and implementation. Proposals may be submitted from any discipline eligible for NSF support. A project may involve an indepth program for only one school, or more normally, will be oriented at improving several schools or a total school system. Write: Cooperative College-School Science Program, Division of Pre-College Education in Science, National Science Foundation, 1800 G Street N.W., Washington, D.C. 20550.

Training Programs for Superior High School Students Announced by NSF

Universities and colleges wishing to sponsor special training programs for superior high school students must submit an application to the National Science Foundation by August 23 for projects in summer of 1971 or the 1971-72 academic year. Projects are expected to service one of two student categories: (a) High-ability students from secondary schools in which science instruction is, by national standards, satisfactory or better; and (b) High-ability students with limited educational opportunities who have demonstrated high potential and academic achievement, but in whose secondary schools science training is deficient because of inadequate facilities or instruction. Projects should have a minimum duration of five weeks and may either involve special advanced courses and associated laboratory work or research participation involving the student as a junior associate of a research team or as principal investigator for a specific project under the supervision of an experienced research scientist. A combination of the two approaches may also be used. Applications may be submitted for training in any academic discipline eligible for NSF support. Write: Student and Cooperative Program, Division of Pre-College Education in Science, National Science Foundation, 1800 G Street N.W., Washington, D.C. 20550.

NSF Issues First Student Research Award: Others Must Apply by Next December 1

The National Science Foundation has announced a prototype award under its new program to finance student-initiated research projects. The first award, of \$53,600, went to students at Stanford University to study reporting on environmental problems by the news media. The new program, entitled "Student-Originated Studies," will be funded for at least \$1 million in FY 1971. Application guidelines should be available this month, with the first deadline set as December 1, 1970. Winners of the awards will be announced by January 30, 1971 and projects are expected to be completed during ten weeks of summer 1971. The proposals to be submitted next year must include at least five undergraduate or graduate students who will have total responsibility for the proposed research. Faculty members can serve only as advisors and NSF has noted that any evidence of faculty supervision or research participation will lessen the chances of funding. Awards can include a salary for the students (to average \$60-\$80 a week) plus related research expenses. No facilities renovation or equipment purchases will be approved except for unusual cases. A copy of the program announcement and guidelines may be requested from: Dr. Lafe R. Edmunds, Program Coordinator, Student-Originated Studies, Division of Undergraduate Education in Science, National Science Foundation, 1800 G St. N.W., Washington, D.C. 20550.

Scholarly articles - page charges

The Chancellor's Office has advised the college that "scientific journals meet perennial deficits by requiring the payment of 'page charges' when scholarly articles are published. The Office of State Printing has indicated that such 'page charges' are in fact publication fees and, as such, there is no objection on its part to such charges being paid out of operating expense funds. When properly authorized, the payments for page charges and/or reprint charges may be made by a college."

Environmental - Ecological Education

The Office of Education will allocate funds under Part E of EPDA in support of training programs for higher education personnel in the area of environmental-ecological education in FY 1971. Instructions and forms are available in the Office of Research and Development (ext. 2630). The application deadline is August 1.